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NOTES:

1. AFTER INSTALLATION, APPLY F/N 57 A/R TO FILL GAPS AND FILLET EDGES.

2. APPLY F/N 58 TO FAYING SURFACES.

3. WHEN PURCHASING A CABLE CUTTER SYSTEM, LEONARDO HELICOPTER FIXED PREVISION SHOULD BE INSTALLED. THE KIT PART NUMBERS ARE AS FOLLOWS:
4G9540A00212 LOWER FIXED PARTS INSTALLATION KIT
4G9540A00112 UPPER FIXED PARTS INSTALLATION KIT
ADDITIONAL FIXED PROVISION PARTS ARE:
3G9540A00351 DOUBLER, 3G9540A00451 DOUBLER, 3G9540A01351 LH SHIM LOWER CUTTER, 3G9540A01251 RH SHIM LOWER CUTTER, 3G9540A00551 LH SHIM LOWER CUTTER, 3G9540A00651 RH SHIM LOWER CUTTER, 3G9540A00931 LH FITTING, 3G9540A00831 RH FITTING.


WHEN PURCHASNG A SHORT CABLE CUTTERS KIT FOR AN AIRCRAFT WITH MAGELLAN FIXED PROVISIONS & LHD PROVISIONS, ORDER P/N 647.8901. FOR AN AIRCRAFT WITH ONLY LHD FIXED PROVISIONS, ORDER P/N 647.8904 & 647.8906.

WHEN PURCHASNG A LONG CABLE CUTTERS KIT FOR AN AIRCRAFT WITH MAGELLAN FIXED PROVISIONS & LHD PROVISIONS, ORDER P/N 647.8902. FOR AN AIRCRAFT WITH ONLY LHD FIXED PROVISIONS, ORDER P/N 647.8904 & 647.8905.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE RELEASE: PR1		N/C
N/C	INITIAL RELEASE	06-29-10	P. BRAVO
A	INCORPORATED ECNS 02990, 03071, 03217, 03279	11-28-11	P. BRAVO
B	INCORPORATED ECNS 06144	01-04-19	P. BRAVO

12	12		12	12	12	36	601.3188	RIVET	MS21141S-04-07
14	14		14	14	14	35	601.3187	RIVET	MS21141S-04-06
		16	16	16	16	34	601.3189	INSERT	NAS1836-08-09
2	2		2	2	2	33	601.2826	BOLT	AN3-11A
4	4			4	4	32	601.1866	BOLT	NAS6203-26
4	4			4	4	31	601.1850	BOLT	NAS6203-22D
2	2		2	2	2	30	646.9910	STRUT	
1	1		1	1	1	29	647.9613	RH WIPER DEFLECTOR	
1	1		1	1	1	28	647.9612	RH FWD WIPER DEFLECTOR	
1	1		1	1	1	27	647.9611	LH WIPER DEFLECTOR	
1	1		1	1	1	26	647.9610	LH FWD WIPER DEFLECTOR	
1	1		1	1	1	25	647.9316	CROSSBAR BRACKET	
1	1		1	1	1	24	647.9315	RECEPTACLE BRACKET	
1	1		1	1	1	23	647.9314	RETAINER BRACKET	
1	1		1	1	1	22	647.9313	BRACKET	
1	1		1	1	1	21	647.9312	BRACKET	
		1		REF	REF	20	647.9311	SUPPORT BRACKET	
				2	2	19	647.9114	THRUSERT	
		12	12	12	12	18	647.9113	THRUSERT	
		12		12	12	17	647.9112	THRUSERT	
2	2	10	2	12	12	16	647.9111	THRUSERT	
25	25	20	26	26	26	15	647.9110	THRUSERT	
		1	1	1	1	14	647.9016	DOUBLER	△
		1		REF	REF	13	647.9015	DOUBLER	
2	2		2	2	2	12	647.9014	STRUT BRACKET	
1	1		1	1	1	11	647.9013	FWD CLIP	△
1	1		1	1	1	10	647.9012	FWD CLIP	
		1	REF	REF	REF	9	647.9011	DOUBLER	
		1	REF	REF	REF	8	647.9010	DOUBLER	
1	1		1	1	1	7	647.9801	MOUNTING TEE ASSY	
2	2		2	2	2	6	647.9501	QUICK RELEASE PIN ASSY	
1	1		1	1	1	5	647.9401	DEFLECTOR ASSY	
	1			1		4	647.9203	LOWER CUTTER LONG ASSY	
1					1	3	647.9202	LOWER CUTTER ASSY	
1	1		1	1	1	2	647.9201	UPPER CUTTER ASSY	
		3	3	3	3	1	647.9001	DOUBLER ASSY	
							647.8906	AW139 CABLE CUTTERS REMOVABLE PROVISIONS KIT	
							647.8905	AW139 CABLE CUTTERS REMOVABLE PROVISIONS KIT LONG	
							647.8904	AW139 CABLE CUTTERS FIXED PROVISIONS KIT	
							647.8903	AW139 UPPER CABLE CUTTERS KIT	
							647.8902	AW139 CABLE CUTTERS KIT LONG	
							647.8901	AW139 CABLE CUTTERS KIT	

5	5			5	5	62	601.3124	SCREW	MS27039-0824	
1	1			1	1	61	647.9317	RH BRACKET		
1	1			1	1	60	647.9310	LH BRACKET		
12	12	12	12	12	12	59	601.3186	RIVET	MS21140S-04-04	
			1	1	1	58	601.2045	RTV	LOCTITE 598	△
			1	1	1	57	600.1012	SEALANT	PR-1425 CLASS B	△
46	46	34	50	82	82	56	601.2943	LOCKNUT	MS21042-3	
13	13		8	13	13	55	601.1541	LOCKNUT	MS21042L08	
30	30		20	30	30	54	601.2764	WASHER	NAS1149FN832P	
118	118	76	126	190	190	53	601.1032	WASHER	NAS1149C0332R	
		16	16	16	16	52	601.1869	WASHER	NAS1149CN832R	
8	8		8	8	8	51	601.1607	WASHER	NAS1149F0332P	
6	6		6	6	6	50	601.3190	SCREW	MS27039-1-13	
		16	16	16	16	49	601.3180	SCREW	MS27039-0804	
		8		8	8	48	601.3069	SCREW	MS27039-1-09	
10	10		10	10	10	47	601.3012	SCREW	MS27039-1-15	
34	34	8	34	34	34	46	601.2910	SCREW	MS27039-1-18	
2	2		2	2	2	45	601.2988	SCREW	MS27039-0813	
2	2		2	2	2	44	601.2893	SCREW	MS27039-0811	
6	6		6	6	6	43	601.2765	SCREW	MS27039-0819	
4	4		4	4	4	42	601.1956	SCREW	MS27039-1-21	
2	2		2	4	4	41	601.1954	SCREW	MS27039-1-17	
		10		10	10	40	601.1952	SCREW	MS27039-1-20	
6	6	4	6	10	10	39	601.1949	SCREW	MS27039-1-11	
4	4		4	4	4	38	601.1948	SCREW	MS27039-1-19	
6	6	12	18	18	18	37	601.1622	SCREW	MS27039-1-14	
.8906	.8905	.8904	.8903	.8902	.8901	HND #	PART #	DESCRIPTION	MAT'L	SPEC.

.8906	.8905	.8904	.8903	.8902	.8901	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.
			QTY		PARTS LIST					
			NEXT ASSY (\$)		ORIGINAL DATE (MO-DA-YR)		06-17-10		 3030 ENTERPRISE C SUITE A VISTA, CA. 92081 (760)-724-5300	
					DRAWN BY		CHECKER			
					R. ROSANO		P. BRAVO			
					DRAWING APPROVAL		P. BRAVO		APICAL INDUSTRIES, INC. dtd DART AEROSPACE	
					6-29-10					
					CONTRACT No.					
					UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ±.5°		AW139 CABLE CUTTERS KIT			
		SIZE		CAGE CODE	DWG. NO.		REV.			
		B		07MZ6	647.8900		B			
		SCALE NONE				SHEET 1		OF 9		

DART
AEROSPACE
APICAL INDUSTRIES, INC.
dba DART AEROSPACE

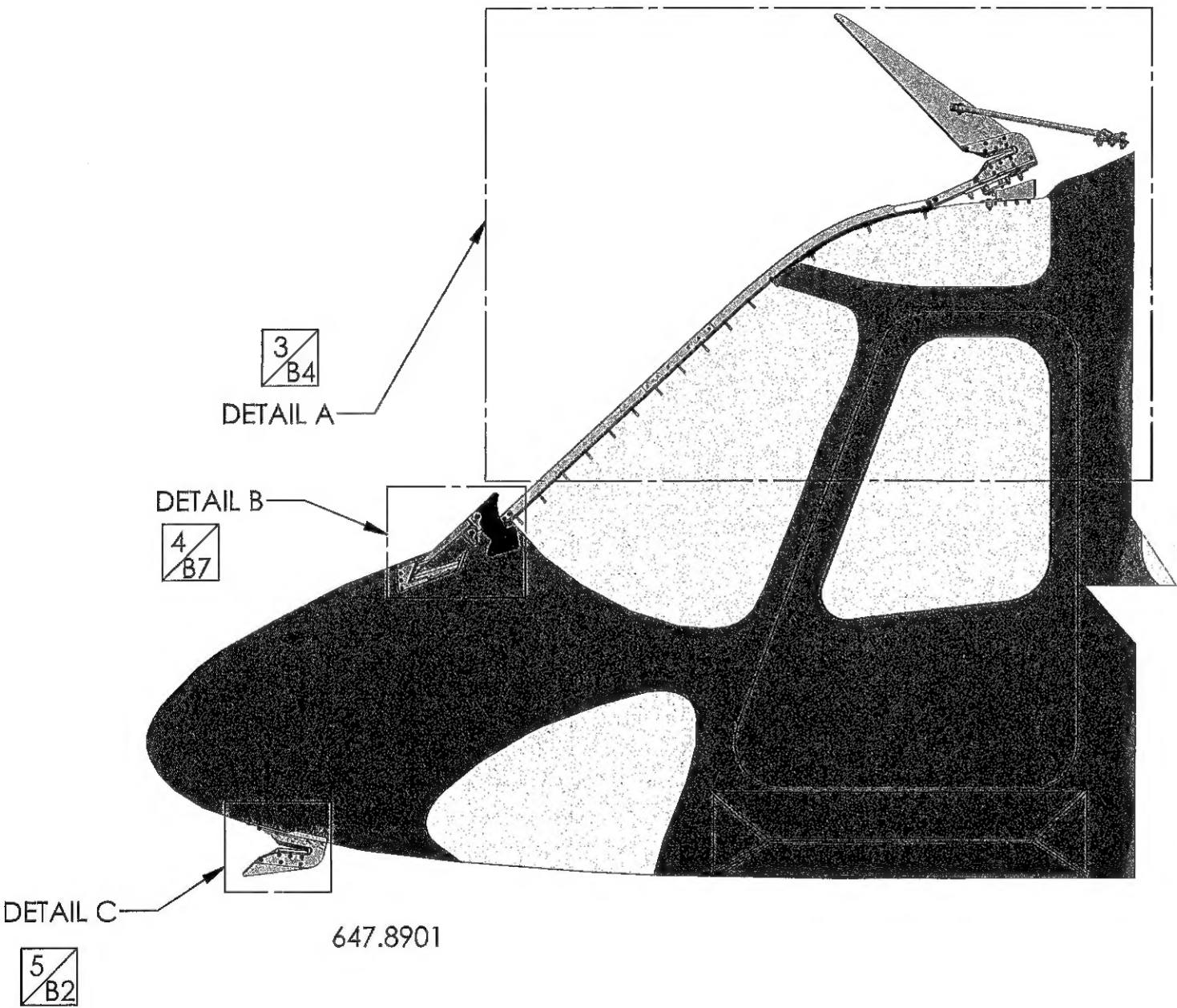
3030 ENTERPRISE CT.,
SUITE A
VISTA, CA. 92081
(760)-724-5300


AW139 CABLE CUTTERS KIT

SIZE B CAGE CODE 07MZ6 DWG. NO. 647.8900 REV. B

SCALE NONE SHEET 1 OF 9

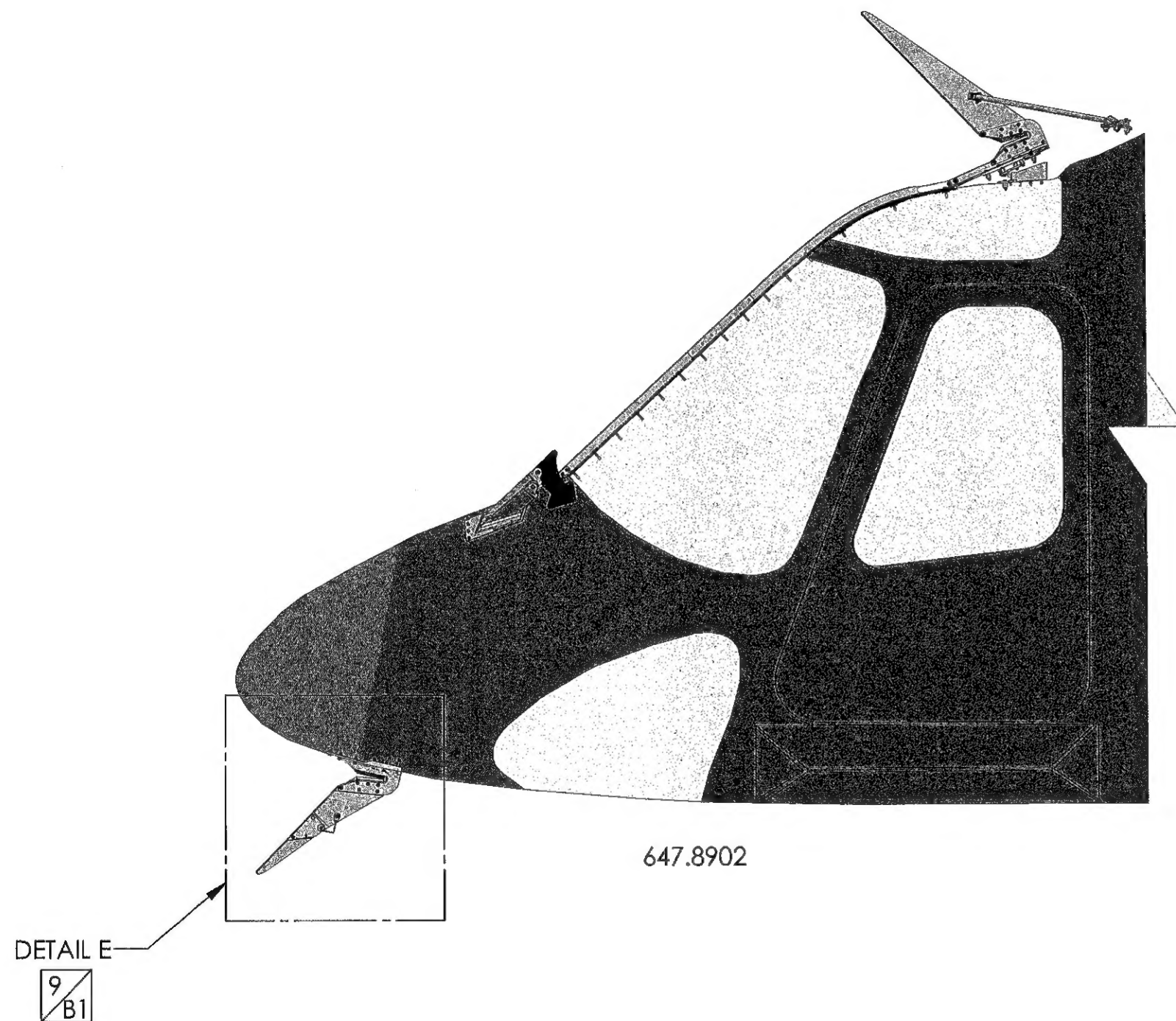
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ORIGINAL DATE (MO-DA-YR) 06-17-10		 AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA, 92081 (760)-724-5300	
DRAWN BY R. ROSANO	CHECKER P. BRAVO				
DRAWING APPROVAL P. BRAVO 6-29-10		APICAL INDUSTRIES, INC. dba DART AEROSPACE			
CONTRACT No.		AW139 CABLE CUTTERS KIT			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ±.5°		SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.8900	REV. B
		SCALE NONE			SHEET 2 OF 9

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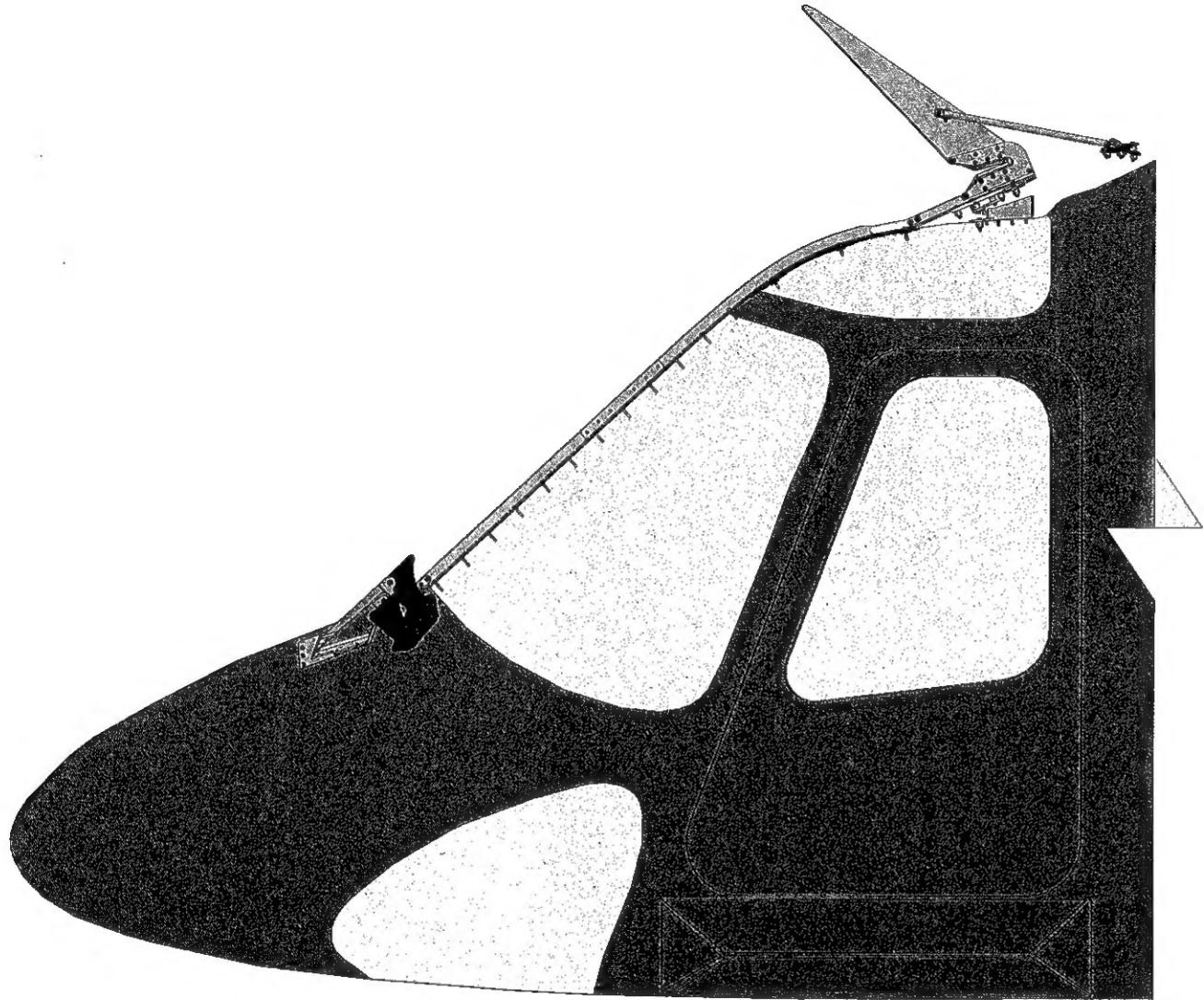
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ORIGINAL DATE (MO-DA-YR) 06-17-10		 DART AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE		3030 ENTERPRISE CT., SUITE A	
DRAWN BY R. ROSANO	CHECKER P. BRAVO			VISTA, CA. 92081 (760)-724-5300	
DRAWING APPROVAL P. BRAVO 6-22-10		AW139 CABLE CUTTERS KIT			
CONTRACT No.					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE	CAGE CODE	DWG. NO.	REV
			07MZ6	647.8900	B
		SCALE NONE		SHEET 3 OF 9	

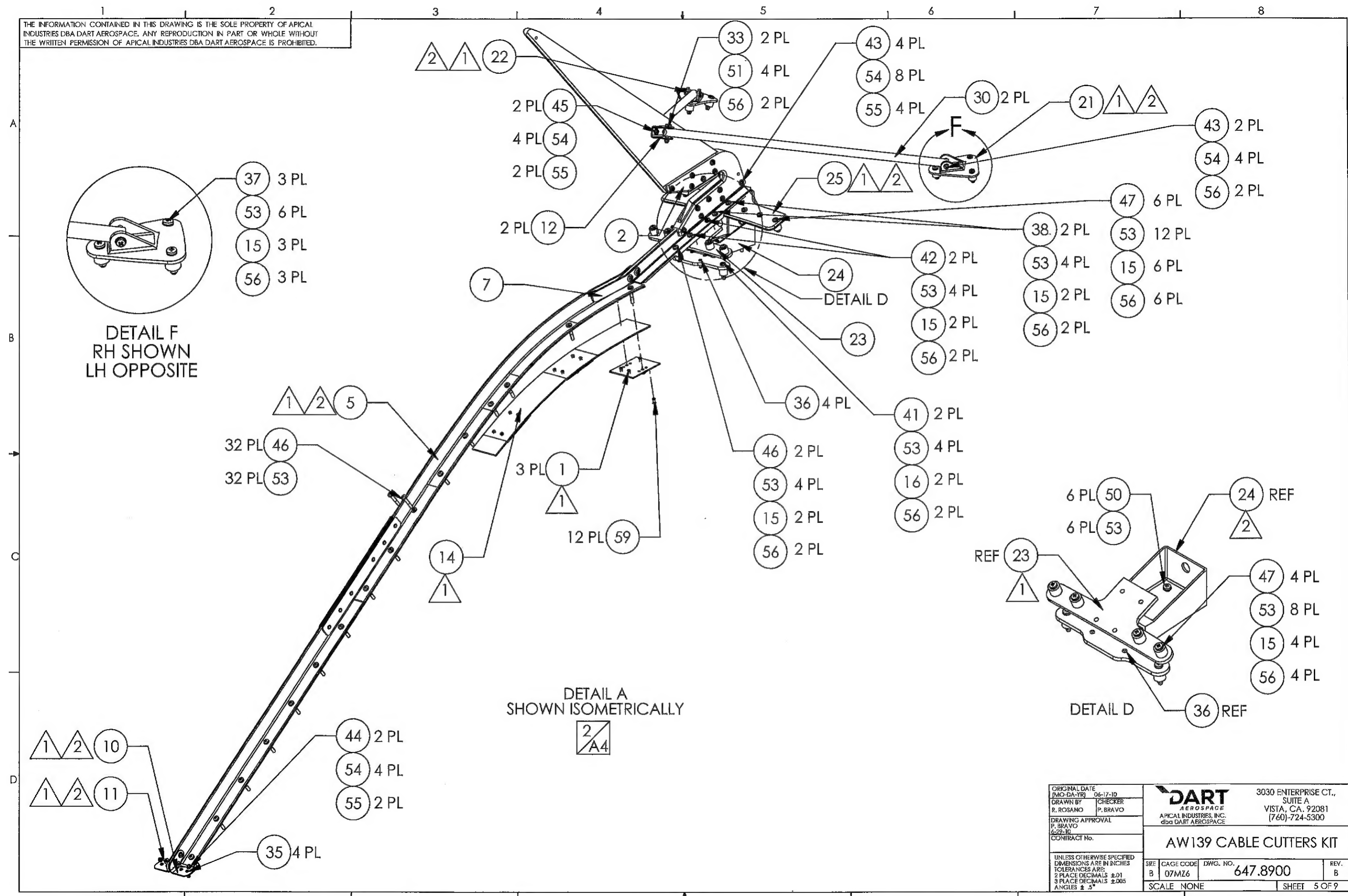
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ORIGINAL DATE (MO-DA-YR) 04-17-10		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY R. ROSANO	CHECKER P. BRAVO	APICAL INDUSTRIES, INC. dba DART AEROSPACE	
DRAWING APPROVAL P. BRAVO 6-22-10		AW139 CABLE CUTTERS KIT	
CONTRACT No.		REV. B	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	CAGE CODE 07MZ6
		DWG. NO. 647.8900	SHEET 4 OF 9
		SCALE NONE	

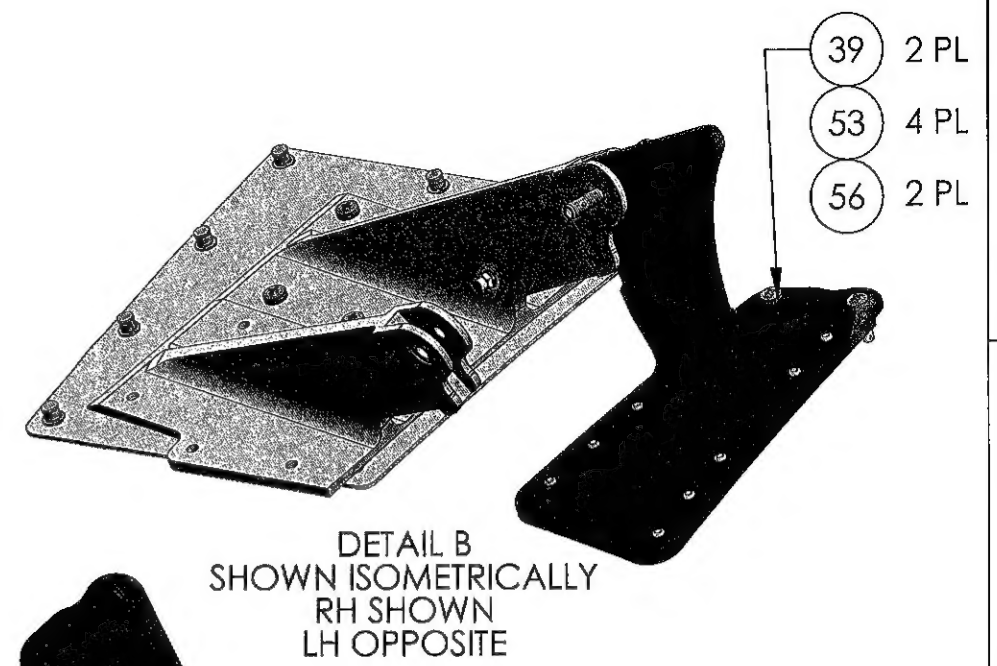
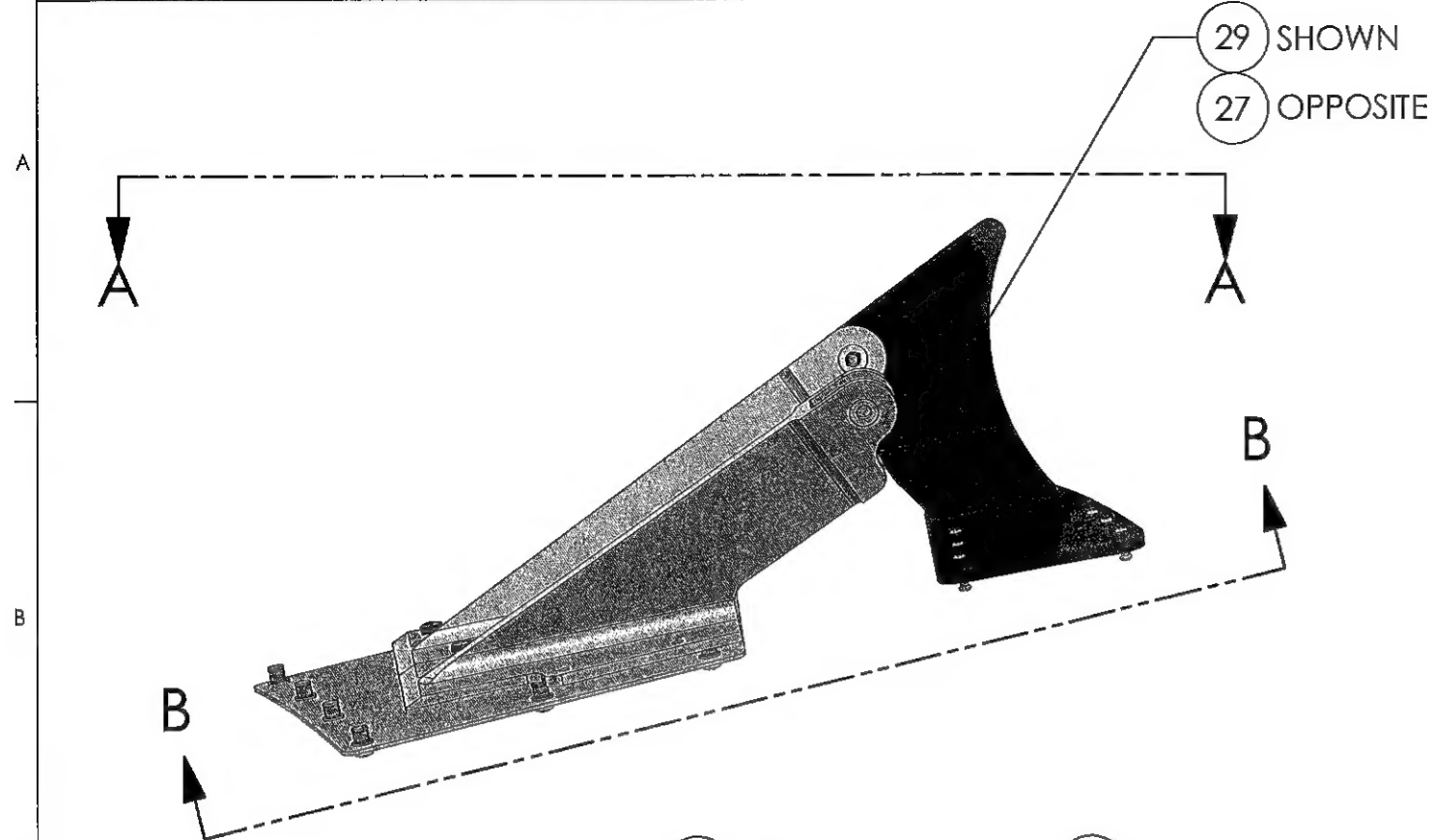
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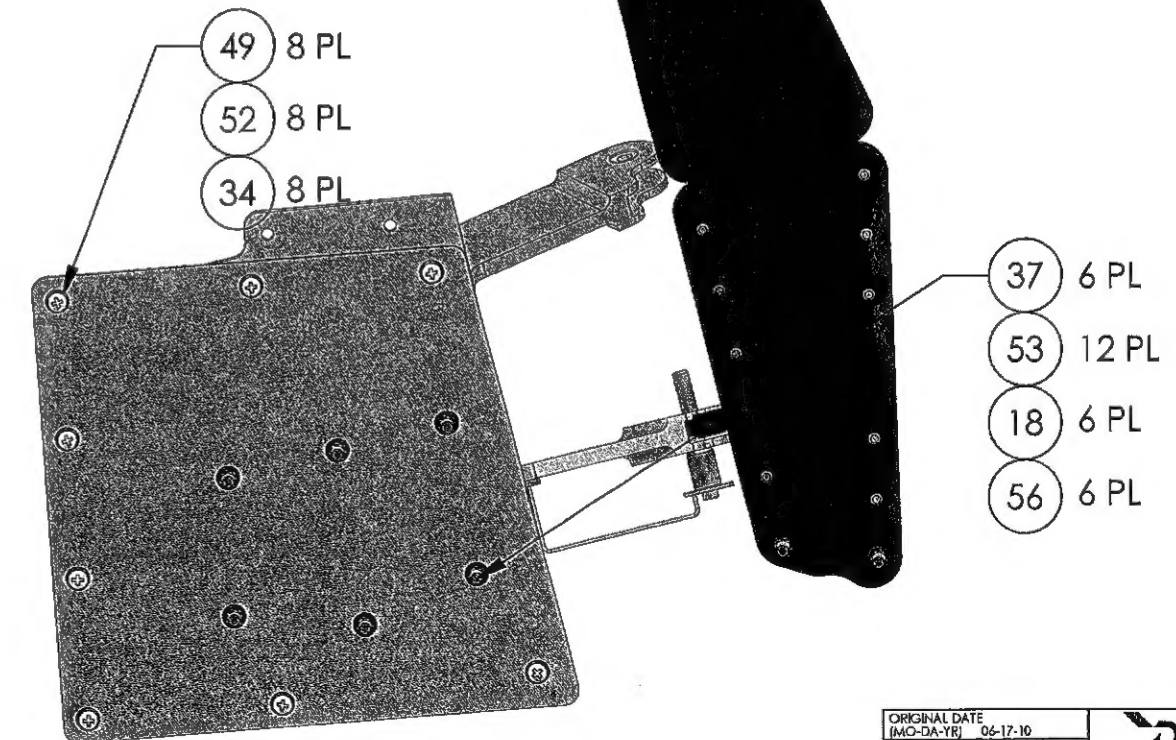
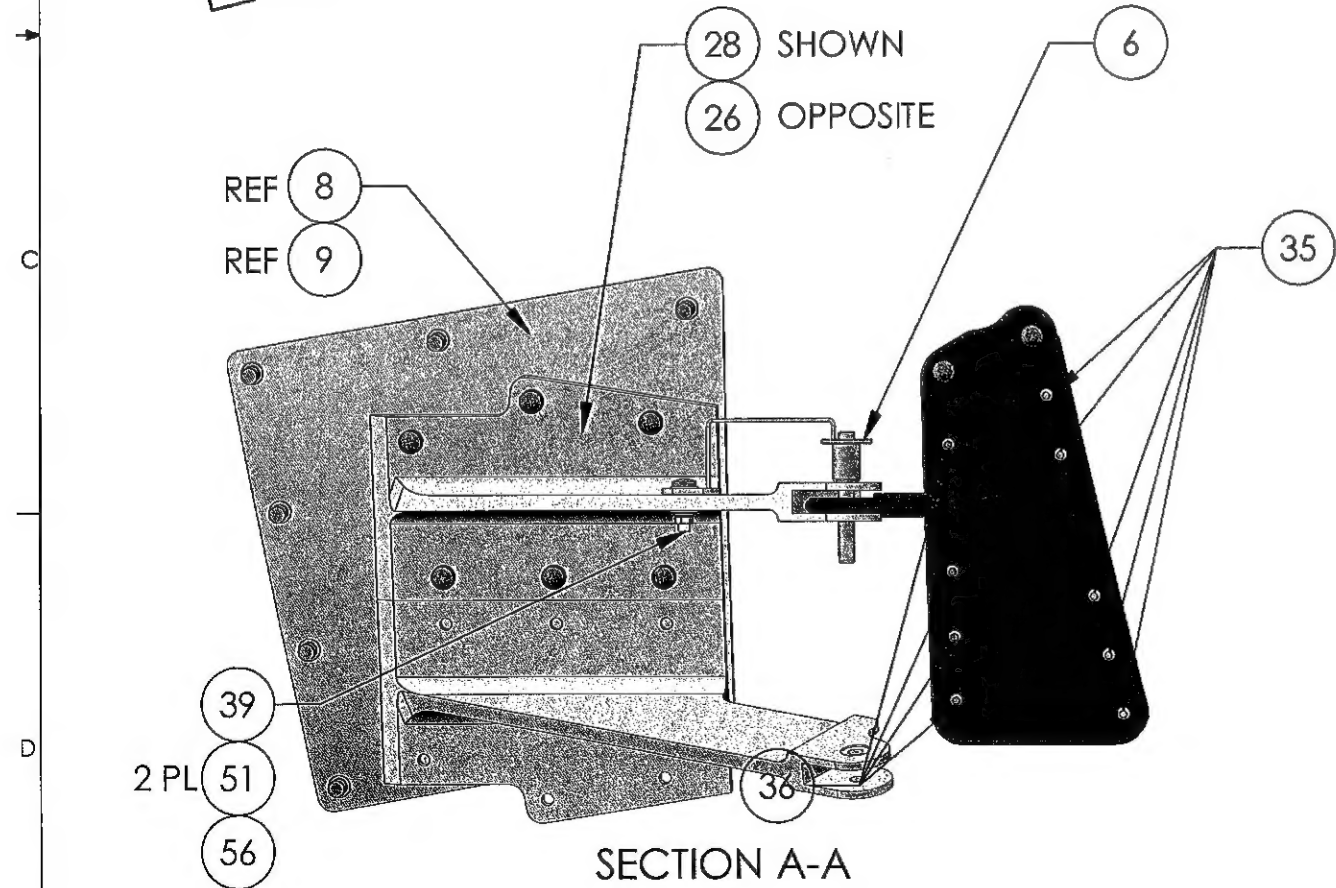
ORIGINAL DATE (MO-DA-YR) 06-17-10	 <div style="display: inline-block; vertical-align: middle; text-align: left;"><div>3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300</div><div>APICAL INDUSTRIES, INC. dba DART AEROSPACE</div></div>		
DRAWN BY R. ROSANO			CHECKER P. BRAVO
DRAWING APPROVAL P. BRAVO 6-22-10		<h1 style="text-align: center;">AW139 CABLE CUTTERS KIT</h1>	
CONTRACT No.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°			
SIB	CAGE CODE 07MZ6	DWG. NO. 647.8900	REV B
SCALE NONE			SHEET 5 OF 9

1 2 3 4 5 6 7 8

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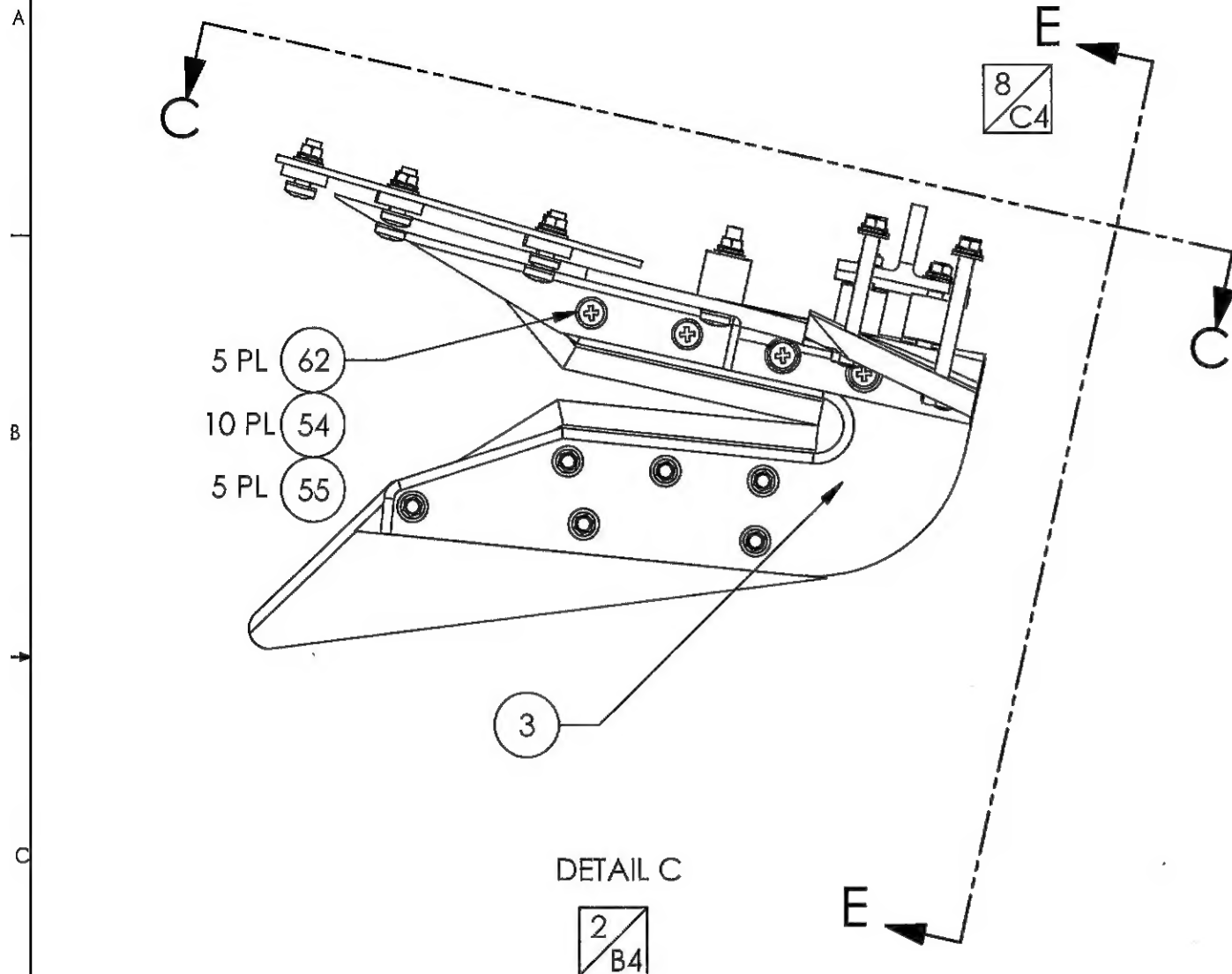


2
B3



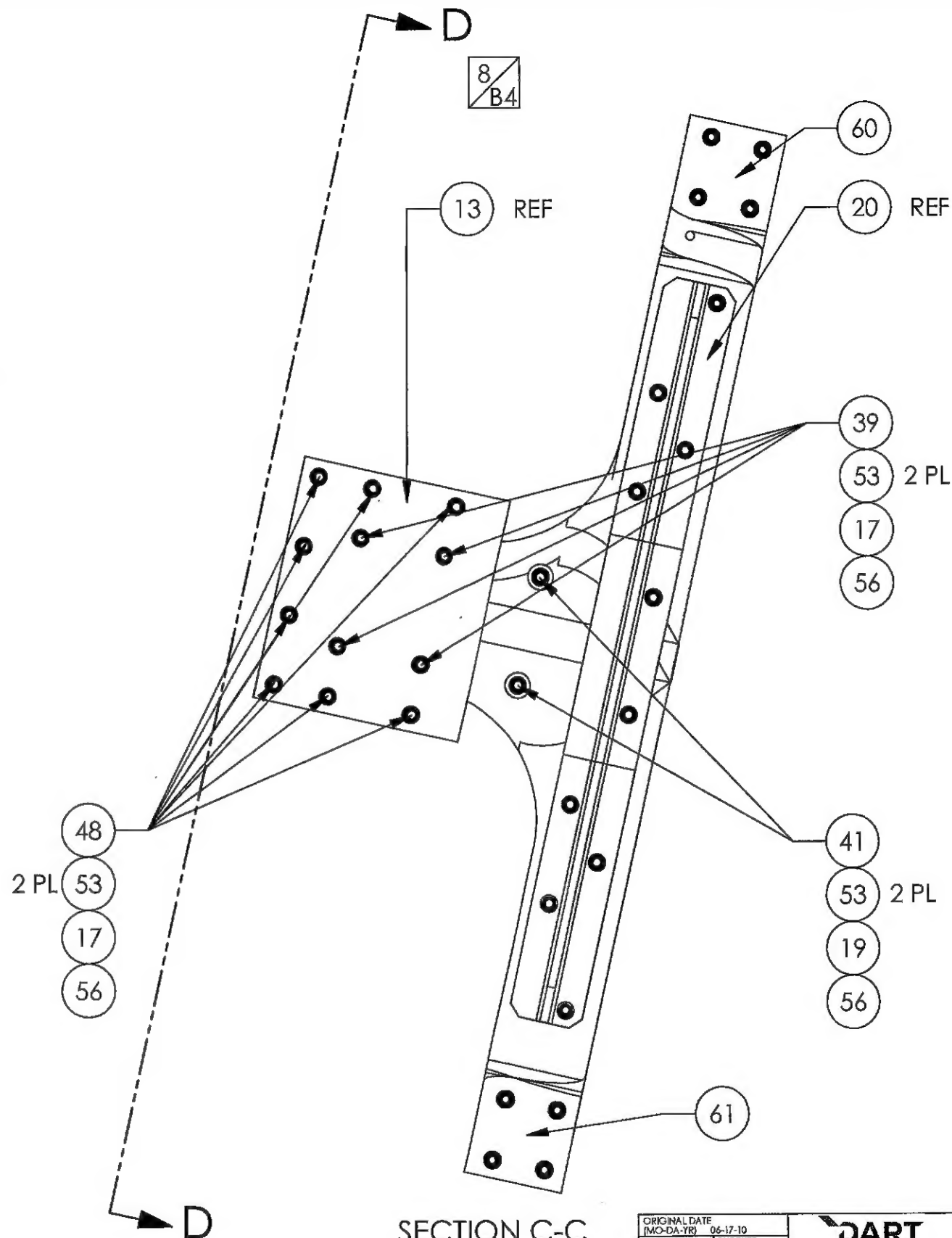
ORIGINAL DATE (MO-DA-YR) 06-17-10	DART AEROSPACE			3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY R. ROSANO	CHECKER P. BRAVO	APICAL INDUSTRIES, INC. dba DART AEROSPACE			
DRAWING APPROVAL P. BRAVO 6-29-10		AW139 CABLE CUTTERS KIT			
CONTRACT No.		SIZE B	CAGE CODE 07MAZ6	DWG. NO. 647.8900	REV. B
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SCALE NONE		SHEET 6 OF 9	

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DETAIL C

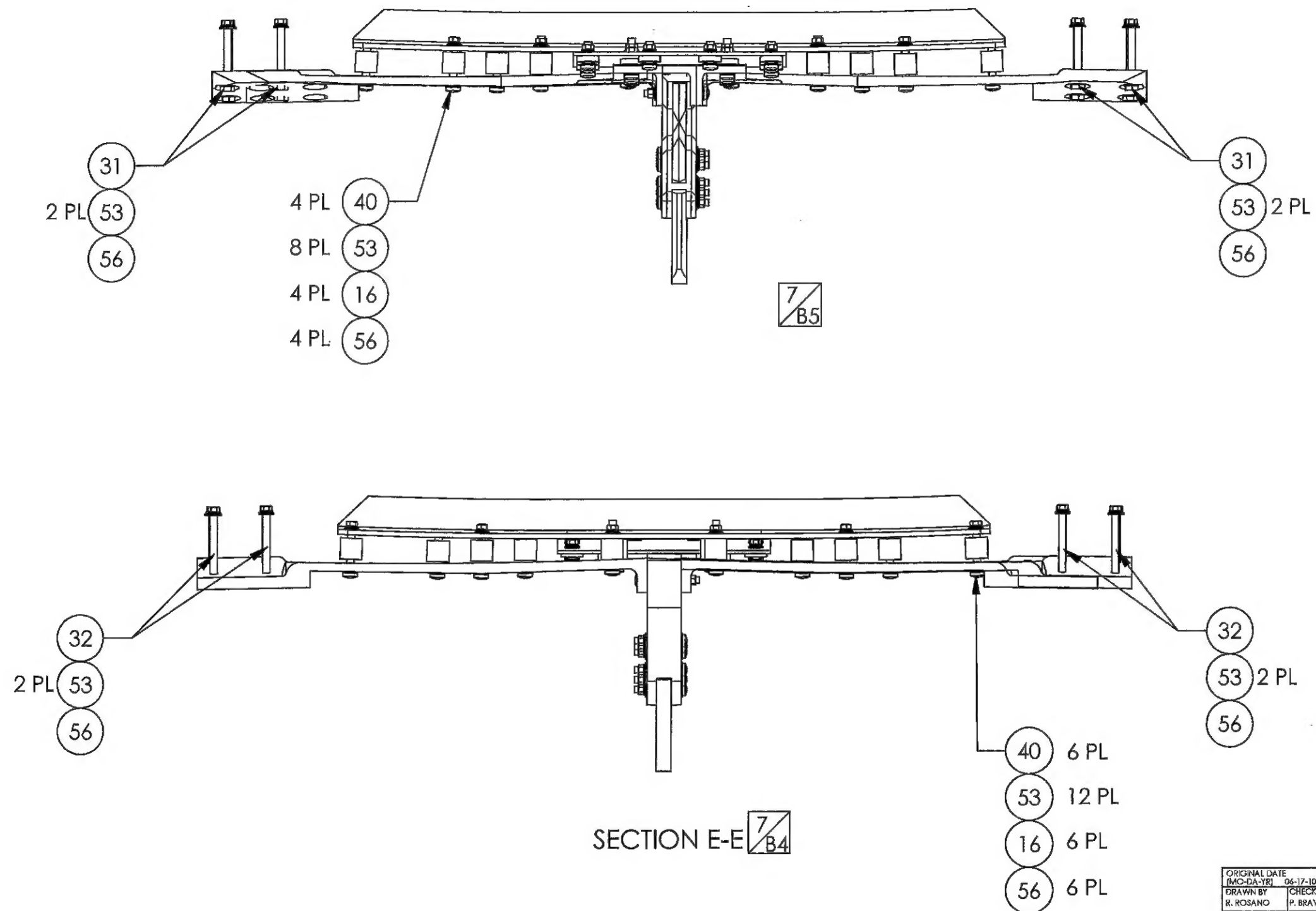
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B4



SECTION C-C

ORIGINAL DATE (MO-DA-YR) 06-17-10		 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300			
DRAWN BY R. ROSANO	CHECKER P. BRAVO				
DRAWING APPROVAL P. BRAVO 6-22-10		AW139 CABLE CUTTERS KIT			
CONTRACT No.					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SER.	CAGE CODE	DWG. NO.	REV.
		B	07MZ6	647.8900	B
		SCALE NONE		SHEET	7 OF 9

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SECTION E-E 7/B4

ORIGINAL DATE (MM-DD-YY) 06-17-10		 APICAL INDUSTRIES, INC. dba DART AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY R. ROSANO	CHECKER P. BRAVO				
DRAWING APPROVAL P. BRAVO 06-17-10		AW139 CABLE CUTTERS KIT			
CONTRACT No.					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.8900	REV. B
		SCALE NONE		SHEET 8 OF 9	

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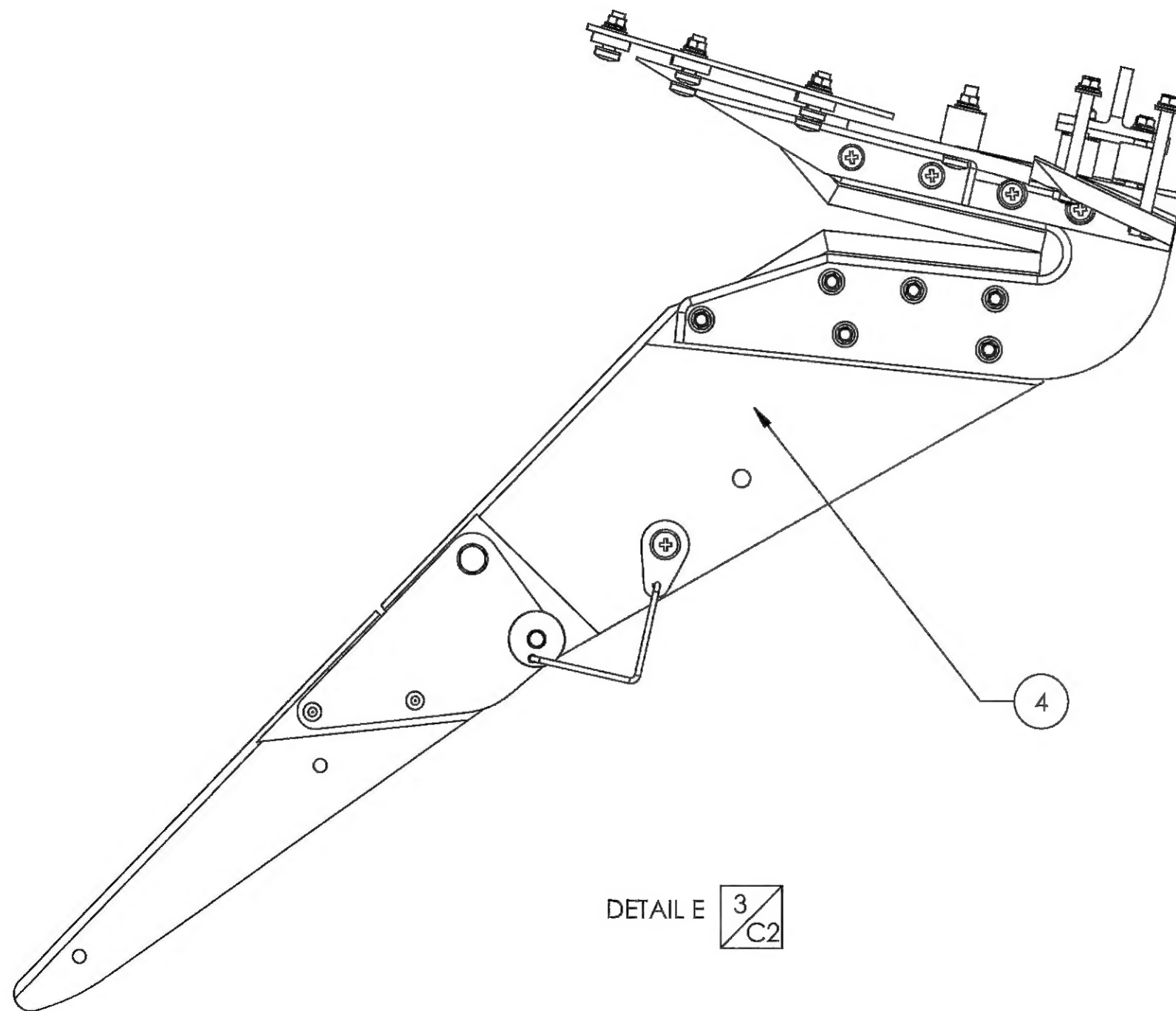
A


B

C

D

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DRAWN BY R. ROSANO			CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 6-22-10					
CONTRACT NO.		AW139 CABLE CUTTERS KIT			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°					
SIZE B	CAGE CODE 07MZ6				
SCALE NONE		SHEET 9 OF 9			

